

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET
(pursuant to NAC 445A.236)

Permittee Name: City of Reno
P. O. Box 1900
One East First Street, 8th Floor
Reno, Nevada 89505

Permit Number: NEV2006512

Description of Discharges

Locations:

Reno Sod Farm/Tree Farm/Sports Complex, south of Clean Water Way and west of Streamboat Creek, Reno, Nevada; Longitude: 119E43'35"W., Latitude: 39E30'04"N., Section 22, T.19N., R.20E.

Rosewood Lakes Golf Course, 6800 Pembroke Drive, Reno, Nevada 89502; Longitude: 119E42'02"W., Latitude: 39E29'27"N., Sections 21, 22, 27, 28, T.20N., R.20E.

McCarran Boulevard - Mill Street to Longley Lane Median streetscapes, Reno, Nevada; Longitude: 119E45'24"W., Latitude: 39E28'41"N., Sections 16, 21, 28, 29 34, T.19N., R.20E.

Mira Loma Park, 3000 South McCarran Blvd., Reno, Nevada 89502; Longitude: 119E 44' 47"W., Latitude: 39E29'18"N., Sections 21, 28, T.19N., R.20E.

Future Truck Fill Site, location to be determined, Reno, Nevada; Longitude: TBD; Latitude: TBD; T.R. & S TBD

8 Pasture sites on the floodplain south of the Truckee River and west of McCarran Blvd., Reno, Nevada; Longitude: various; Latitude: various; Sections 16, 17, T.19N., R.20E.

Longley Property Investors, future business park site on the east side of McCarran Blvd. and south of Longley Lane. Reno, Nevada; Longitude: 119E45'52"W., Latitude: 39E38'18"N., Section 32, T.20N., R.20E.

Airport Authority of Washoe County, Home Gardens area, north and south of McCarran Blvd., Reno, Nevada; Longitude: 119E42'50"W., Latitude: 39E32'00"N., Section 33, T.20N., R.20E.

Jamaica Park, 100 Jamaica Avenue, Reno, Nevada 89502; Longitude: 119E46'45"W., Latitude: 39E28'44"N., Section 30, T.19N., R.20E.

Butler Ranch parks and streetscapes, Bella Vista Ranch Road., Reno, Nevada; Longitude: 119E44'20"W., Latitude: 39E28'35"N., Sections 28, 33, 34, T. 19N., R.20E.

Construction Water and dust control use with treated effluent is also authorized.

Characteristics: *The Truckee Meadows Water Reclamation Facility (TMWRF NEV2003506) will supply tertiary treated, denitrified and disinfected effluent for reuse irrigation and construction water/dust control at the proposed subject listed reuse sites. Reuse at the sites will be via spray irrigation of turf grasses, trees and other landscape plant materials as well as drip and hand irrigation, if needed. One effluent fill station is also proposed. All reuse irrigation and fill station operations shall be conducted and or operated in accordance with the approved Effluent Management Plans and permit conditions; dust control and soil conditioning uses are included.*

Flow: *The applicant has applied for a permit flow of 3.58 MGD for the proposed reuse sites including one truck fill station supplied with treated Effluent. The permit requires the reuse water quantity to be monitored and reported. The requested flow is based upon the highest usage month determined from the consumptive use balance plus 10% allowance, and in accordance with the approved Effluent Management Plan. The annual application volume is limited to a maximum of 4,466.67 acre feet/year for all the sites and uses combined.*

Fecal Coliform:

Fecal Coliform:* 2.2 CFU/MPN/100 ml 30 day average CFU = Colony Forming Units;
23 CFU/MPN/100 ml daily max. MPN = Most Probable Number; ml = Milliliter

* Sample results are obtained from TMWRF (# NEV2003506) .

General: The applicant proposes to use tertiary treated, denitrified and disinfected reclaimed water supplied by the Truckee Meadows Water Reclamation Facility (TMWRF) on a total of up to 19 sites: two to three parks, a sod farm/treefarm/sports complex, a golf course, several streetscape sites; 8 pastures, a business park, the common areas of Home Gardens, and one truck fill site. The TMWRF will supply reclaimed water that meets Category B quality per NAC 445A.276, and is denitrified below 10 mg/L total N.

Receiving Water Characteristics: Groundwater in the area is potable and the depth to groundwater in the area varies with elevation. The Permittee, in the approved Effluent Management Plan (EMP), will need to ensure that the treated denitrified effluent is applied at the consumptive rate. No adverse effects to groundwater are expected to occur as a result of this effluent reuse.

Procedures for Public Comment:

The Notice of the Division's intent to issue the permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the publication of the public notice. All comments must be received by September 26, 2006. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

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The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination

The Division has made the tentative determination to issue the proposed permit for a period of five (5) years.

Schedule of Compliance and Special Conditions

1.)A final Master Effluent Management Plan (EMP) shall be submitted to the Division for review and approval within 30 days of permit issuance.

2.)Cross-Connection control documentation: Within 30 days of permit issuance the Permittee shall submit the annual cross-connection control documentation required by Part I.B.10. of the permit. This documentation shall be submitted annually thereafter, due with the 4th Quarter Report. The cross connection control inspections including initial and annual shut down tests for each site shall be conducted by an AWWA Association Certified Cross Connection Control Specialist at each site as it is developed and ready for effluent uses

3.)Engineering Plans signed and stamped by a Nevada Registered Engineer shall be submitted to the Division (2 copies) for each proposed new irrigation site prior to effluent reuse on that site, and, amendments to the approved master Effluent Management Plan (EMP) shall be submitted to the Division for review and approval and inclusion in the master EMP as an Appendix at that same time.

Rationale for Permit Requirements

Required parameters are monitored to ensure effluent reuse requirements are maintained per NAC 445A.275 and 445A.276.

*Prepared by: Icyl C. Mulligan
July 2006*